

REMARKS

1 A review of the claims indicates that:

2 A) Claims 1—46 are cancelled.

3 B) Claims 47—66 are new.

4 In view of the following remarks, Applicant respectfully requests allowance
5 of the new claims.

New Claims

6 The Applicant has cancelled claims 1—46 and has filed new claims 47—

7 66. New independent claims 47, 59 and 63 recite some of the aspects cited by
8 claim 1 of the allowed parent case, now US Patent No. 6,337,168. However,
9 several changes have been made.

10 New claims 47, 59 and 63 recite aspects disclosed by the specification
11 related to different colors of toner being treated by the ionomer to result in a same
12 chargeability for all colors. At column 4, lines 29—36, the Applicant discusses
13 how pigmented polymers have different chargeability in the prior art. However, as
14 treated by the ionomer, the chargeability for all colors is the same (column 4, lines
15 34—36). Accordingly, the elements recited by the new claims are fully supported
16 by the specification.

17 Claim 47 recites that the core material is chargeable by the charge director
18 to 103 pmho/cm or less, whereas claim 1 in the '168 patent recites 7 pmho/cm.
19 Note that the specification indicates three example values, 7 pmho/cm, 86
20 pmho/cm and 103 pmho/cm, at column 8, lines 40—45 of the '168 patent. New
21 claims 2 and 3 recite the values 86 pmho/cm and 7 pmho/cm respectively.
22 However, the prior art of record did not anticipate and/or render obvious a
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1 recitation of a core material having chargeable by the charge director to less than
2 103 pmho/cm. Accordingly, the change is allowable in view of the known art.

3 Claim 47 recites use of first and second toners, and that the first and second
4 toners are configured with different pigmented polymers having different colored
5 pigments. The specification discloses such toners as cyan (col. 6, line 6) and blue
6 (col. 6, line 40). Additionally, claim 47 recites that the coating of the at least one
7 ionomer added to the first and second toners results in similar chargeability for the
8 differently colored toners (again, column 4, lines 29—36). Therefore, this recited
9 aspect is supported by the specification. Moreover, the limitation is not taught or
10 suggested by the prior art of record.

11 Thus, the Applicant submits that new claim 47 is fully supported by the
12 specification, and that it is allowable in view of the prior art of record. Moreover,
13 at least by virtue of their dependence, dependent claims 48—58 are allowable.

14 Referring to claim 59, an additional limitation not seen in claim 1 of the
15 '168 patent recites that the coating of ionomer results in the polarity of the toner
16 being reversed. Note that column 4, lines 14—17 indicates that the ionomer is
17 used in an amount effective to reverse the polarity known to be associated with
18 toner and a charge director. Accordingly, claim 59 is additionally allowable for
19 this recitation.

20 For at least these reasons, claims 47, 59 and 63, as well as their dependent
21 claims, 48—58, 60—62 and 59—66, respectively, are believed to be in condition
22 for allowance.

1 Conclusion

2 The Applicant submits that all of the claims are in condition for allowance
3 and respectfully requests that a Notice of Allowability be issued. The Applicant
4 would like to thank the Examiner for spending time on the phone discussing the
5 new claims. While no absolute conclusion was reached, a very helpful discussion
6 resulted. If I can be of any help in promoting the prosecution of this application,
7 please feel free to call.

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9 Respectfully Submitted,

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12 By:



David S. Thompson

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14 David S. Thompson
15 Reg. No. 37,954
16 Attorney for Applicant

17
18 LEE & HAYES, PLLC
19 Suite 500
20 421 W. Riverside Avenue
21 Spokane, Washington 99201

22
23 Telephone: 509-324-9256 x235
24 Facsimile: (509) 323-8979